



## Electro-Discharge Machining Fluid.

### APPLICATIONS

- **DIEL 9400 S** is a light viscosity, water white, odorless fluid designed for Electro Discharge machining operations.
- **DIEL 9400 S** is recommended for all EDM applications including rough machining and finishing. It is used for complex profiles with particularly tight tolerances.
- **DIEL 9400 S** is a very fluid petroleum product with a very narrow distillation range making it particularly suitable for spark erosion work.

### ADVANTAGES

- Very low volatility.
- High flash point.
- Excellent resistance to oxidation.
- Free of any toxic element.

#### TYPICAL CHARACTERISTICS DIEL 9400-S

Appearance, visual	Water White Liquid
Viscosity at 25°C (77 F), cSt ASTM D 445	3.43
Viscosity at 40°C (104 F), cSt, estimated	2.0*
Density @ 60 °F, lbs./gal. ASTM D 1298	6.42
Specific Gravity @ 60/60 °F ASTM D 1298	0.771
Flash Point, COC, °F ASTM D 92	248
Sulfur Content, ppm ASTM D 4927	2.0
Distillation Range ASTM D 86	
IBP, °F	484
DP, °F	527
Aniline Point, °F	198
Copper Corrosion, 3h @ 100°C ASTM D 130	1A - 1B

#### TOTAL Lubricants USA, Inc.

**Diel 9400-S**  
Sheet updated: 11/12/2013

5 North Stiles Street  
Linden, NJ 07036  
908.862.9300 or 800.323.3198  
[www.totallubricantsusa.com](http://www.totallubricantsusa.com)